Index of Claims

10/711,749

Examiner

Jila M. Mohandesi

Applicant(s)/Patent under Reexamination

LOWRY, JAMES W.

Art Unit

3728

✓ Rejected= Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

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Restricted

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|       |          | -        |  |  |              | _  |  |  |  |                 |            | 11 - 1   |                  |          |              |        | <u> </u>   |          |        |                 | 7        | <u> </u> | -i       |        |          |        |  | 1040     |  |                 |        |   |
|-------|----------|----------|--|--|--------------|--|--|--|--|-----------------|------------|----------|------------------|----------|--------------|--------|------------|----------|--------|-----------------|----------|----------|----------|--------|----------|--------|--|----------|--|-----------------|--------|---|
| Cla   | aim      | ٦        |  |  | [            | Date   | -  |  |  | _               | C          | lain     | $\perp$          | _        |              | _      | <u>Dat</u> | e        |        |                 | 4        | Cla      | aim      |        | _        | -      | - 1  | ate      | <u> </u>   |                 |        | _ |
| Final | Original | 12/20/05 |  |  |              |  |  |  |  |                 | Final      |          | Original         |          |              |        |            |          |        |                 |          | Final    | Original |        |          |        |  |          |  |                 |        |   |
|       | (1)      | J        | _  |  |              | Н  |  | Н  | $\Box$   | ᅥ               |            | 1 5      | 51               |          | _            | 1      | ⇈          | T        | $\Box$ |                 | 7        |          | 101      |        | T        | T      | $\neg$   |          |  | $\neg$          |        |   |
|       | 2        | 1        |  |  |              | П  | т  | Н  | T  | ┪               |            |          | 52               | 十        | 十            | $\top$ | T          | <b>—</b> | П      |                 | 7        |          | 102      |        |          |        |  |          | ヿ  | $\neg$          | П      |   |
|       | 3        | +        |  |  |              | Н  |  | П  | $\Box$   | ┪               |            |          | 3                | 7        |              | $\top$ |            | <b>—</b> | П      | $\top$          | 1        |          | 103      | $\neg$ | T        | T      | П  |          |  |                 |        |   |
|       | 4        | H        |  | Н  |              | Н  |  | П  | $\dashv$   | ╛               |            |          | 54               | 十        | T            | 1      | 1          |          |        |                 |          |          | 104      | $\neg$ | T        |        |  |          |  |                 | $\Box$ |   |
| _     | 5        | 丿        |  | Н  |              |  |  |  | $\Box$   | ╗               | <u> </u>   |          | 55               | 1        | ╅            | $\top$ | $\top$     |          | П      | $\neg \vdash$   | 1        |          | 105      | $\neg$ |          | T      |  |          |  |                 | $\Box$ |   |
|       | 6        | <b>-</b> |  | Н  |              |  |  | Г  |  | $\neg$          | -          |          | 6                | 十        | $\top$       | 1      |            |          |        |                 | ٦        |          | 106      |        |          | П      | П  |          | $\neg$   | $\Box$          |        |   |
|       | 7        | $\vdash$ | <del>                                     </del> | Н  | _            |  |  |  | Н  | ヿ               |            |          | 7                | 7        | T            |        |            |          |        |                 | 7        |          | 107      | $\neg$ |          |        |  |          |  |                 |        |   |
|       | 8        |          | $\vdash$   |  |              |  |  | $\vdash$   | П  | ┪               |            |          | 8                | $\top$   | ┰            |        |            | Т        |        |                 | 1        |          | 108      |        |          |        |  |          |  |                 |        |   |
| _     | 9        | $\vdash$ | $\vdash$   |  |              |  | $\vdash$   | Н  | H  | ┪               | <u> </u>   |          | 59               | 十        | 1            | 1      |            |          |        |                 | 7        |          | 109      |        | $\neg$   |        |  |          |  |                 |        |   |
|       | 10       | H        | -  |  | $\vdash$     | Н  | $\vdash$   | $\vdash$   | H  | ┪               |            |          | 50               |          | T            | 1      | T          |          | $\Box$ |                 | 1        |          | 110      |        |          |        |  |          | T  |                 | П      |   |
|       | 11       | ┢        | H  | H  | _            | $\vdash$   | H  | H  | Н  | ヿ               | <u> </u>   |          | 31               | +        | ┪            | $\top$ | T          | T        |        | _               |          |          | 111      | $\Box$ |          |        | П  |          |  |                 |        |   |
|       | 12       | $\vdash$ | $\vdash$   | <del>                                     </del> | <u> </u>     | Н  |  |  | $\vdash$   | $\dashv$        |            |          | 32               | 十        | 1            | $\top$ | T          | T        | П      | $\neg$          |          |          | 112      |        |          | ╗      | $\Box$   |          |  |                 | $\Box$ |   |
|       | 13       | $\vdash$ | $\vdash$   | 1  | <del> </del> | H  | $\vdash$   | $\vdash$   | $\vdash$   | $\dashv$        |            |          | 33               | $\dashv$ | +            | 1      | T          | t        | $\Box$ |                 | ٦        |          | 113      |        |          |        |  |          |  |                 | $\Box$ |   |
|       | 14       | $\vdash$ | $\vdash$   | H  | $\vdash$     | $\vdash$   | <del>                                     </del> |  | $\vdash$   | $\dashv$        |            |          | 54               | $\top$   | $\top$       | 1      | $\top$     | T        | П      | $\top$          | ٦        |          | 114      |        | $\Box$   |        |  |          |  |                 |        |   |
|       | 15       | $\vdash$ | $\vdash$   | $\vdash$   | -            | Ι  | ┢  | <u> </u>   | $\vdash$   | $\dashv$        |            |          | 35               | 十        | 十            | T      | 1          | T        | П      | $\neg \uparrow$ | ٦        |          | 115      |        | $\neg$   | コ      |  |          |  |                 |        |   |
| _     | 16       | $\vdash$ |  | $\vdash$   | ┢            | 1  |  | <del>                                     </del> | $\vdash$   | ᅦ               |            |          | 36               | $\dashv$ | +            | +      | $\top$     |          | П      | o               | ٦        |          | 116      |        |          |        |  |          |  |                 | J      |   |
|       | 17       | ┼        | ┢  | <del>                                     </del> | -            | t  | ┢  |  | Н  | $\neg$          |            |          | 37               |          | $\top$       | 1      | T          |          |        | - 1             | 7        |          | 117      |        | П        |        |  |          |  |                 |        |   |
|       | 18       | +-       | ┢  | ╁  | H            | ┢  |  | $\vdash$   | Н  | ヿ               |            |          | 58               | $\top$   | $\top$       | 十      | $\top$     | $\top$   | П      |                 | 7        |          | 118      |        |          |        |  |          |  | $\Box$          |        |   |
|       | 19       | ╁        | t  | ┢  | $\vdash$     | <del>                                     </del> | -  | -  | Н  | ┪               |            |          | 59               | $\dashv$ | ┪            | ╅      | 十          | $\top$   | П      |                 | 1        |          | 119      |        |          |        |  |          |  |                 |        |   |
|       | 20       | ╁        | ├-   | ╫┈   | -            | ┢  |  | ├  | Н  | ㅓ               | $\vdash$   |          | 70               |          | $\top$       | $\top$ | ✝          | 1        | $\Box$ | _               | ┨        |          | 120      |        |          |        |  |          |  |                 |        |   |
|       | 21       | ╁        | ┼─   | ╁╌   | ┢╌           | 十  | -  | $\vdash$   | Н  | ᅥ               | $\vdash$   |          | 71               | 十        | +            | $\top$ | T          | 1        | 一      |                 | 7        |          | 121      |        |          |        |  |          |  | $\neg$          |        |   |
|       | 22       | ╁        | ├  | ┢  | -            | -  | ├-   | +-   | 1  | ᅥ               | $\vdash$   |          | 72               | 十        | +            | $\top$ | 十          | $\top$   |        |                 |          |          | 122      |        |          |        |  |          |  | $\neg$          |        |   |
|       | 23       | $\vdash$ | $\vdash$   | ┥  | ╁            | ╁╌   | ┢  | -  | Н  | $\dashv$        | $\vdash$   |          | 73               | ╅        | $\top$       | +      | +-         |          |        | $\neg \vdash$   |          |          | 123      |        |          | コ      |  |          |  | $\Box$          | П      |   |
|       | 24       | ┼        | ┢  | -  | ┢╌           | <u> </u>   | H  | H  | Н  | ᅥ               | -          |          | 74               | 十        | _            | +-     | †          | 1        | T      |                 |          |          | 124      | $\Box$ |          |        |  |          |  | $\neg$          | T      |   |
| -     | 25       | $\vdash$ | ╁  | ╁  | ┢            | -  | ╁  | <del>                                     </del> | 1  | ┪               |            |          | 75               | $\dashv$ | $\top$       | $\top$ | $\top$     | +        | $\Box$ | ┪               | ╗        |          | 125      |        | $\neg$   |        |  |          |  |                 |        |   |
|       | 26       | $\vdash$ | ┢  | ┢  | ╌            | +-   | ╁  | -  | $\vdash$   | $\dashv$        | $\vdash$   |          | 76               | +        | +            | 十      | $\top$     | $\top$   |        |                 | 7        |          | 126      |        |          | $\neg$ |  |          |  |                 |        |   |
|       | 27       | ╁        | ╁  | $\vdash$   | ╌            | ┢  | $\vdash$   |  | H  | 러               | $\vdash$   |          | 77               | $\dashv$ | 十            | $\top$ | +          | T        | 1      | _               | ┪        |          | 127      |        |          |        |  |          |  |                 | T      |   |
| -     | 28       | $\vdash$ | -  | ╁  | ╁            | -  | ┢  | † T  | Н  |                 | -          |          | 78               | $\neg$   | +            | $\top$ | †          | 1-       |        |                 | 7        |          | 128      |        | ヿ        |        |  |          |  |                 | $\neg$ |   |
|       | 29       | ╁        | ╁╴   | ┢  | ├            | $\vdash$   | ┢╌   | $\vdash$   | $\vdash$   |                 |            |          | 79               | -+       | $^{\dagger}$ | +      | 1          | +        |        | 一               | 1        |          | 129      |        | $\neg$   | $\neg$ |  |          |  |                 | П      |   |
|       | 30       | ╁        | -  | ╁  | -            | $\vdash$   | ┢  | $\vdash$   | $\vdash$   | _               | -          |          | BO               | +        | +            | +      | 1          | †        |        | $\neg$          | 7        |          | 130      | П      | ヿ        |        |  |          |  |                 | 7      | Г |
|       | 31       | ╁        |  | ╁  | ┢╌           | $\vdash$   | ╁  | $\vdash$   | ╁  |                 |            |          | B1               |          | $\top$       | $\top$ | T          | $\top$   | Ħ      | 十               | 1        |          | 131      | П      |          |        |  |          | П  |                 |        | Г |
|       | 32       | +        | ╁  | +-   | +            | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$   |                 | -          |          | 82               | _        | $\top$       | $\top$ | T          | t        | Н      | $\neg \dagger$  | 1        |          | 132      | П      | ヿ        | П      |  |          |  |                 |        |   |
|       | 33       | ╁╌       | $\vdash$   | +-   | $\vdash$     | +-   | +-   | $\vdash$   | <del>                                     </del> | $\dashv$        | <u> </u>   |          | 83               | +        | $\top$       | 十      | $\top$     | T        | П      | $\neg$          | 7        |          | 133      | П      | $\Box$   | $\Box$ |  |          |  |                 |        | Γ |
|       | 34       | ╁╴       | $\vdash$   | +-   | $\vdash$     | +  | ╁╌   | $\vdash$   | $\vdash$   | $\dashv$        | -          |          | 84               | 十        | $\top$       | +      | $\top$     | †        | П      | $\neg$          | 7        |          | 134      | П      |          |        |  |          |  |                 |        |   |
| _     | 35       | $\vdash$ | $\vdash$   | ╁  | <del> </del> | $\vdash$   | $\vdash$   | T  | $\vdash$   | $\dashv$        |            |          | 85               | +        | $\dashv$     | +      | T          | 1        | П      | 一               | ٦        |          | 135      | П      | $\Box$   |        |  |          |  |                 |        |   |
|       | 36       | $\vdash$ | $\vdash$   | $\vdash$   | +            | 1  | $\vdash$   | 1  | $\vdash$   | $\dashv$        | $\vdash$   |          | 86               |          | $\dashv$     | +-     | T          | 1        | П      | 1               | ┪        |          | 136      | П      | $\Box$   |        |  |          | $\Box$   |                 |        |   |
|       | 37       | +        | +  | $\vdash$   | ╁            | +  | 1  | +-   | +  | $\dashv$        | $\vdash$   |          | 87               | $\dashv$ | ╁            | 十      | T          | T        | П      | _               | 7        |          | 137      | П      | $\neg$   |        |  |          | П  | $\Box$          |        | Γ |
| -     | 38       | +        | 1-   | +  | $\vdash$     | $\vdash$   | <del>                                     </del> | 1  | $\vdash$   | $\dashv$        |            |          | 88               | $\dashv$ | +            | 十      | +          | $\top$   | $\Box$ |                 | 7        |          | 138      | П      |          |        | Г  |          | Г  |                 | $\Box$ |   |
|       | 39       | +        | $\vdash$   | +  | 1            | $\vdash$   | $\vdash$   | +-   | $\vdash$   | $\dashv$        |            |          | 89               | $\dashv$ | 十            | 十      | 1          | †        | П      |                 | ┑        |          | 139      | П      |          |        |  |          |  |                 |        | Г |
|       | 40       | +        | +  | 1  | +            | +  | ╁╌   | +  | $\vdash$   | $\dashv$        | $\vdash$   |          | 90               | $\dashv$ | +            | $\top$ | $\top$     | $\top$   | П      |                 | $\neg$   |          | 140      | П      |          |        |  |          |  |                 |        |   |
|       | 41       | +        | +  | +  | $\vdash$     | ╁  | 1  | 1-   | $t^-$  | $\vdash$        | -          | +        | 91               | $\dashv$ | +            | +      | 1          | †        | П      |                 | ヿ        |          | 141      | П      |          |        | <u> </u>   |          |  |                 | $\neg$ |   |
|       | 42       | +-       | $\vdash$   | ╁  | +-           | $\vdash$   | $\vdash$   | $\vdash$   | +  | $\vdash \vdash$ | 1          |          | 92               | $\dashv$ | $\dashv$     | +      | +          | 1        | П      |                 | $\dashv$ |          | 142      | П      |          |        |  |          | П  | $\Box$          | $\Box$ | Γ |
|       | 43       | +        | +-   | +  | ╁            | +  | +-   | +-   | $\vdash$   | $\vdash$        | $\vdash$   | +        | 93               | 十        | +            | +      | +          | +        | T      | $\dashv$        | $\dashv$ |          | 143      | П      | $\Box$   |        |  |          |  |                 |        | Γ |
|       | 43       | ╁        | $\vdash$   | +  | +-           | +  | +  | +  | $\vdash$   | H               | -          |          | 94               | $\dashv$ | +            | +      | T          | +-       | 1      | $\vdash$        | $\dashv$ |          | 144      |        |          |        | Ī  |          | П  | $\Box$          |        | Γ |
|       | 45       | +        | ┼  | +-   | ╁            | +  | +  | +  | +-   |                 | $\vdash$   | +        | 95               | $\dashv$ | +            | +      | +          | +        | +      | $\vdash$        | $\dashv$ |          | 145      | П      | П        |        |  | 1        |  |                 |        | Γ |
|       |          | +        | +  | +  | +-           | ╁  | $\vdash$   | +  | +  | $\vdash \vdash$ | <u> </u>   |          | 96               | $\dashv$ | +            | - -    | +          | +        | +      | $\vdash \vdash$ | $\dashv$ | <b> </b> | 146      | T      | H        |        | T  | Г        | <del>                                     </del> | H               | $\neg$ | T |
|       | 46       | +        | ┼  | +  | $\vdash$     | +  | $\vdash$   | +  | ╁  | $\vdash\vdash$  | $\vdash$   | +        | 97               | $\dashv$ | +            | +      | +-         | +-       | +-     | +               | $\dashv$ | <u> </u> | 147      | П      | $\vdash$ | _      | $\vdash$   | 1        |  | $\vdash$        |        | t |
|       | 47       | ╁        | +  | +  | ╀            | +  | ╄  | +  | $\vdash$   | $\vdash\vdash$  | - }-       |          | 9 <i>7</i><br>98 | $\dashv$ | $\dashv$     | +      | +          | ╅        | ╁      | $\vdash \vdash$ | $\dashv$ | -        | 148      |        | Н        | _      | <del>                                     </del> | t        | t  | $\vdash$        |        | t |
|       | 48       | +        | ┼  | +  | -            | +  | ╁  | $\vdash$   | ┼  | Н               | <b> </b> - | $\dashv$ | 98<br>99         | -+       | +            | - -    | +          | +        | +      | $\vdash$        | $\dashv$ | $\vdash$ | 149      | ╁      | H        |        | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash \vdash$ |        | t |
|       | 49       | ╁        | 1_   | _  | 1            | _  | ــــــــــــــــــــــــــــــــــــــ           | 4_   | ـــــ  | Щ               | ⊢          |          | 100              | -        |              | -1-    | +          | +        | +-     | $\vdash$        | $\dashv$ | <u> </u> | 150      | ┰      | $\vdash$ | _      | $\vdash$   | -        | $\vdash$   | Н               | _      | ╀ |